INFORMATION DISCLOSURE CITATION

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09/509,591

APPLICANT

A. Little

FILING DATE
June 2, 2000

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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Cla	ss	Subo	lass	Filing Date
n	AA	5,302,698	04/1994	Morinaga et al.					
OZ	AB	5,328,470	07/12/94	Nabel et al.					,
PZ	AC	5,354,674	10/11/94	Hodgson					
gr	AD	5,501,662	03/26/96	Hofmann					
,91	AE	5,635,383	06/03/97	Wu et al.					
91	AF	5,648,478	07/15/97	Henderson		\	\bigvee		
91	AG	5,648,478	07/1997	Henderson			\setminus		
G	АН	5,698,443	12/1997	Henderson et al.		7			
91	AI	5,804,407	09/1998	Tamaoki et al.		/			
91	AJ	5,807,738	09/1998	Tamaoki et al.					
91	AK	5,827,686	10/1998	Tamaoki et al.	1/				
de	AL	5,998,205	12/1999	Hallenbeck et al.	7				

FOREIGN PATENT DOCUMENTS

	Τ	Document Number	Date .	Country	Class	Subclass	Translation
N	АМ	2134994	05/1995	Canada			
07	AN	0 415 731 A2	03/1991	EP E10			
57	AO	WO 93/19768	10/1993	PCT			
(g)	AP	WO 94/26915A1	11/1994	PCT			
97	AQ	WO 95/00655A1	01/1995	PCT			
31	AR	WO 95/11984	05/1995	PCT .			
172	AS	WO 96/17053	06/1996	PCT			

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David Tugo

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01		WO 96/21036A3	07/1996	PCT					1900	
OI	AV	WO 96/34969	11/1996	PCT						
9	AW۱	WO 97/01358A1	01/1997	PCT						
07	AX	WO 98/35028	08/1998	PCT		-			•	
		(OTHER ART (Inch	uding Author, Title, Dat	e, Pertinent	Pages, Etc.)				
01	1	ARBUTHNOT et with an adenovir	al vector" Hun	nan Gene Ther. 7	:1503-1	514 (1996)				
97	AZ	ARNBERG et al., Virol. 227:239-2		of adenoviruses	with tro	pism for the ey	e and the	genital	tract"	
01	BA	BAILEY et al., "Cell type specific regulation of expression from the Ad40 E1B promoter in recombinant Ad5/Ad40 viruses" <i>Virology</i> 202:695-706 (1994)								
97	ВВ	BAILEY et al., "Enteric adenovirus type 40: Expression of E1B proteins in vitro and in vivo" Virology 193:631-641 (1993)								
97	вс	BEHRINGER et al., "Dwarf mice produced by genetic ablation of growth hormone-expressing cells" Genes Dev. 2:453-461 (1988)								
91	BD	BERKNER and SHARP, "Generation of adenovirus by transfection of plasmids" <i>Nucl. Acids Res.</i> 11(17):6003-6020 (1983)								
91	BE	BETT et al., "An efficient and flexible system for construction of adenovirus vectors with insertions or deletions in early regions 1 and 3" <i>Proc. Natl. Acad. Sci USA</i> 91:8802-8806 (1994)								
91	BF	BETT et al., "Packaging capacity and stability of human adenovirus type 5 vectors" <i>J. Virology</i> 67(10):5911-5921 (1993)								
n	BG	BISCHOFF et al., "An adenovirus mutant that replicates selectively in p53-deficient human tumor cells," <i>Science</i> 274(5286):373-376 (1996)								
91	вн	BRAUN et al. "Immunogenic duplex nucleic acids are nuclease resistant" <i>J. Immunol.</i> 141(6):2084-1089 (1988)								
91	ВІ	BRIDGE et al., "Redundant control of adenovirus late gene expression by early region 4" <i>J. Virol.</i> 63(2):631-638 (1989)								
gr	BJ	CHANG et al., "Cancer Gene Therapy Using novel tumor specific replication competent adenoviral vectors" Cold Spring Harbor Gene Therapy Meeting, p. 53 (1996).								
	ВК	CHATURVEDI et	al., "Stabiliza	tion of triple-stra	anded o	ligonucleotide o	complexes	s: use of	fprobes	
01		containing altern	nating phosph s. 24(12):231	odiester and ste 8-2323 (1996)	reo-unif	form cationic pl	nosphorai	midate li	nkages"	
gr	BL	Current Protocols in Molecular Biology (Ausubel et al., eds., 1987) Supp. 30, Section 7.7.18-19, Table 7.7.1								
91	ВМ	EMERSON et al.		•	na-fetop	rotein transgen	es in the	livers of	adult	
R	BN	mice" Devel. Dynamics 195:55-65 (1992). FELGNER and RINGOLD, "Cationic liposome-mediated tranfection" Nature 337:387-388 (1989)								
FYAMINER	<u> </u>			DATE	CONSI	DERED				

EXAMINER	DATE CONSIDERED / /
David Jung	3/20/02
EXAMINER: Initial if reference considered, whether or not citatio	n is in conformance with MPEP 609; Draw line through citation if
not in conformance and not considered. Include copy of this form w	ith next communication to applicant.

EXAMINER) //	DATE CONSIDERED , ,
g,	CH K	NEKO et al., "Adenovirus ecific gene expression" C	-mediated gene therapy of hepatocellular carcinoma using cancer- ancer Res. 5:5283-5287 (1995)
91		•	ncer Gene Ther. 3(6):S32 Abstract No. P-82 (1996)

23(6):1359-1368 (1996)

91

mediated transfer of the suicide gene" Gastroenterol. 110(4):A1227 Suppl. (1996)

KANAI et al., "Gene Therapy for an alpha-fetoprotein-producing human hepatoma cells by adenovirus-mediated transfer of the herpes simplex virus thymidine kinase gene" Hepatology

KANAI et al., "Prolonged survival of mice bearing disseminated gastric cancer by adenovirus-

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Ì, ATTY. DOCKET NO. **INFORMATION DISCLOSURE CITATION** 09/509,591 CELL006CIP QTO 0.26100 0 0 0 00/ QFKHGF0 dse several sheets if necessary) **APPLICANT** A. Little 1636 **GROUP FILING DATE** June 2, 2000 KANEKO et al., "Gene therapy of hepatocellular carcinoma using the alpha-fetoprotein in an denoviral vector" Hepatology 22(4 Part 2):158A Abstract No. 206 (1995) KATSURAGI et al., "A case of gall bladder cancer with high level alpha-fetoprotein" Japan J. Clin. Ø1 Radiol. 34:371-374 (1989) CK KAWAMOTO et al., "Alpha-fetoprotein-producing pancreatic cancer-- A case report and review of 28 cases" Hepato-Gastroentrol. 39:282-286 (1992) KOYAMA et al., "Biochemical characterization of alpha-fetoprotein and other serum proteins produced by a uterine-endometrial adenocarcinoma" Jpn. J. Cancer Res. 87:612-617 (1996) CM LAMB et al., "Nucleotide sequence of cloned cDNA coding for preproricin" Eur. J. Biochem. 148:265-270 (1985) LATIMER et al., "Specificity of monoclonal antibodies produced against phosphorothioate and ribo modified DNAs" Mol. Immunol. 32(14/15):1057-1064 (1995) CO LE GAL LE SALLE et al., "An adenovirus vector for gene transfer into neurons and glia in the brain" Science 259:988-990 (1993) MASTRANGELI et al., "Diversity of airway epithelial cell targets for in vivo recombinatn adenovirusmediated gene transfer" J. Clin. Invest. 91:225-234 (1993) CO MAXWELL et al., "Cloning, sequence determination, and expression in transfected cells of the coding sequence for the tox 176 attenuated diphtheria toxin A chain" Mol. Cell. Biol. 7:1576-1579 (1987) MCKINNON, "Tn5 mutatgenesis of the transforming genes of human adenovirus type 5" Gene 19:33-42 (1982) CS MESSING et al., "Po promoter directs expression of reporter and toxin genes to Schwann cells of transgenic mice" Neuron 8:507-520 (1992) 4 NAKABAYASHI et al., "A position-dependent silencer plays a major role in repressing alphafetoprotein expression in human hepatoma" Mol. Cell. Biol. 11(12):5885-5893 (1991) NEVINS, "Mechanisms of viral-mediated trans-activation of transcription" Adv. Virus Res. 37:35-83 (1989)PALMITER et al., "Cell lineage ablation in transgenic mice by cell-specific expression of a toxin gene" CV 11 Cell 50:435-443 (1987) CW PEYROTTES et al., "Oligodeoxynucleoside phosphoramidates (P-NH₂): synthesis and thermal stability of duplexes with DNA and RNA targets" Nucleic Acids Res. 24(10):1841-1848 (1996) PIATAK et al., "Expression of soluble and fully functional ricin A chain in escherichia coli is temperature-sensitive" J. Biol. Chem. 263(10):4837-4843 (1988) QUANTIN et al., "Adenovirus as an expression vector in muscle cells in vivo" Proc. Natl. Acad. Sci. USA 89:2581-3584 (1992) CZ RAGOT et al., "Efficient adenovirus-mediated transfer of a human minidystrophin gene to skeletal

EXAMINER Q	DATE CONSIDERED 3/20/02
EXAMINER: Initial if reference considered, whether or not citation	

RODRIGUEZ et al., "Prostate attenuated replication competent adenovirus (ARCA) CN706: A selective cytotoxic for prostate-specific antigen-positive cancer cells." Cancer Res. 57:2559=2563

DB ROSENFELD et al., "Adenovirus-mediated transfer of a recombinant alpha1-antitrypsin gene to the

muscle of mdx mice" Nature 361:647-650 (1993)

lung epithelium in vivo" Science 252:431-434 (1991)

91

(1997)

2:191=197 (1995)
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EXAMINER DATE CONSIDERED 3/20/02

studying gene therapy" Adv. Exp. Med. Biol. 309B:61-66 (1991)

fetoprotein gene" J. Biol. Chem. 262(10):4812-4818 (1987)

fetoprotein gene" DNA Cell Biol. 10(7):525-536 (1991).

DO WATANABE et al., "Cell Specific enhancer activity in a far upstream region of the human alpha-

DP WEINBERG et al., "A cell line that supports the growth of a defective early region 4 deletion

DR WEN et al., "A promoter-linked coupling region required for stimulation of alpha-fetoprotein

transcription by distant enhancers" *Nucl. Acids. Res.* 21(8):1911·1918 (1993).

DS WILLS et al., "Gene therapy for hepatocellular carcinoma: chemosentiveity conferred by adenovirus-mediated transfer of the HSV-1 thymidine kinase gene," *Cancer Gene Ther.*

mutant of human adenovirus type 2" *Proc. Natl. Acad. Sci. USA* 80:5383-5386 (1983)

DQ WEN et al., "Enhancer, repressor, and promoter specificities combine to regulate the rat alpha-

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.